

INFO	LOG-00	MFA-00	EEB-00	AF-00	AGRE-00	AIT-00	AMAD-00
	AOP-00	AEX-00	AS-00	A-00	ACQ-00	CIAE-00	CIP-00
	COME-00	CCOE-00	CPR-00	INL-00	DNI-00	DIM-00	DODE-00
	DOEE-00	WHA-00	PERC-00	DS-00	EAP-00	DHSE-00	EUR-00
	FBIE-00	VCI-00	FSI-00	OBO-00	TEDE-00	INR-00	IO-00
	CAC-00	MED-07	MFLO-00	MMP-00	MOFM-00	MOF-00	M-00
	CDC-00	VCIE-00	NEA-00	DCP-00	NRC-00	NSAE-00	ISN-00
	OES-00	OIG-00	NIMA-00	PM-00	P-00	ISNE-00	DOHS-00
	FMPC-00	IRM-00	SSO-00	SS-00	MR-00	TRSE-00	CBP-00
	EPAE-00	SCRS-00	PMB-00	DSCC-00	PRM-00	DRL-00	G-00
	ALM-00	SCA-00	SAS-00	FA-00	PMA-00	SWCI-00	/007R

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E.O. 12958: DECL: 1/29/2019
TAG PTER, PGOV, ASEC, EFIN, ENRG, KCIP
SUBJECT: REQUEST FOR INFORMATION: CRITICAL FOREIGN DEPENDENCIES (CRITICAL INFRASTRUCTURE AND KEY RESOURCES LOCATED ABROAD)

REF: STATE 6461 PLEASE PASS TO RSO, POLOFF, ECON, and MANAGEMENT (GSO and IT). Classified by S/CT DAS, Susan F. Burk, Reason: 1/4 (B), (D), (

1. (U//FOUO) This is an action request; see Para. 13.
2. (U//FOUO) Under the direction of the Department of Homeland Security (DHS), the National Infrastructure Protection Plan (NIPP) was written
3. (U//FOUO) In addition to a list of critical domestic CI/KR, the NIPP requires compilation and annual update of a comprehensive inventory of
4. (U//FOUO) The NIPP does not define CI/KR. Homeland Security Presidential Directive 7 (HSPD 7) references definitions in two separate statut
5. (U//FOUO) The NIPP identifies 18 CI/KR sectors: agriculture and food; defense industrial base; energy; healthcare and public health; natio
6. (U//FOUO) Department is surveying posts for their input on critical infrastructure and key resources within their host country which, if de
7. (U//FOUO) Building upon the initial survey completed in 2008, Department requests each post reassess and update information about infrastru
8. (U//FOUO) The following three categories should be considered when determining whether critical foreign dependencies exist in the host cour
9. (U//FOUO) Although they are important issues, Department is not/not seeking information at this time on second-order effects (e.g., public
10. (U//FOUO) Posts do not need to report government facilities overseas managed by State or war fighting facilities managed by other departme
11. (U//FOUO) The following general information should be addressed when nominating elements for inclusion, removal, or modification: -- (U//
12. (U//FOUO) Questions can be directed to Sharri R. Clark in S/CT: ClarkSR@state.sgov.gov; ClarkSR@state.gov; 202-647-1514. Alternatively, qu
13. (U//FOUO) ACTION REQUEST: Posts are requested to report by March 20, 2009 on CI/KR in their host country meeting the criteria outlined abc
14. (U//FOUO) Posts' assistance with providing input to the first list created in 2008 was invaluable, and Department appreciates Posts' conti
15. (S//NF) Following is the 2008 Critical Foreign Dependencies Initiative (CFDI) list (CI/KR organized by region): [BEGIN TEXT OF LIST]

AFRICA
Congo (Kinshasa): Cobalt (Mine and Plant)

Gabon: Manganese - Battery grade, natural; battery grade, synthetic; chemical grade; ferro; metallurgical grade

Guinea: Bauxite (Mine)

South Africa: BAE Land System OMC, Benoni, South Africa Brown David Gear Industries LTD, Benoni, South Africa Bushveld Complex (chromite mine) Ferrochromium Manganese - Battery grade, natural; battery grade, synthetic; chemical grade; ferro; metallurgical grade Palladium Mine and Plant Platinum Mines Rhodium

EAST ASIA AND THE PACIFIC
Australia: Southern Cross undersea cable landing, Brookvale, Australia Southern Cross undersea cable landing, Sydney, Australia Manganese - Battery grade, natural; battery grade, synthetic; chemical grade; ferro; metallurgical grade Nickel Mines Maybe Faulding Mulgrave

Victoria, Australia: Manufacturing facility for Midazolam injection. Mayne Pharma (fill/finish),

Melbourne, Australia: Sole suppliers of Crotalid Polyvalent Antivenin (CroFab).

China: C2C Cable Network undersea cable landing, Chom Hom Kok, Hong Kong C2C Cable Network undersea cable landing Shanghai, China China-US undersea cable landing, Chongming, China China-US undersea cable landing Shantou, China EAC undersea cable landing Tseung Kwan O, Hong Kong FLAG/REACH North Asia Loop undersea cable landing Tong Fuk, Hong Kong Hydroelectric Dam Turbines and Generators Fluorspar (Mine) Germanium Mine Graphite Mine Rare Earth Minerals/Elements Tin Mine and Plant Tungsten - Mine and Plant Polypropylene Filter Material for N-95 Masks Shanghai Port Guangzhou Port Hong Kong Port Ningbo Port Tianjin Port

Fiji: Southern Cross undersea cable landing, Suva, Fiji

Indonesia: Tin Mine and Plant Straits of Malacca

Japan: C2C Cable Network undersea cable landing, Chikura, Japan C2C Cable Network undersea cable landing, Shima, Japan China-US undersea cable, Okinawa, Japan EAC undersea cable landing Ajigaura, Japan EAC undersea cable landing Shima, Japan FLAG/REACH North Asia Loop undersea cable landing Wada, Japan FLAG/REACH North Asia Loop undersea cable landing Wada, Japan Japan-US undersea cable landing, Maruyama, Japan Japan-US undersea cable landing Kitaibaraki, Japan KJCN undersea cable landing Fukuoka, Japan KJCN undersea cable landing Kita-Kyushu, Japan Pacific Crossing-1 (PC-1) undersea cable landing Ajigaura, Japan Pacific Crossing-1 (PC-1) undersea cable landing Shima, Japan Tyco Transpacific undersea cable landing, Toyohashi, Japan Tyco Transpacific undersea cable landing Emi, Japan Hitachi, Hydroelectric Dam Turbines and Generators Port of Chiba Port of Kobe Port of Nagoya Port of Yokohama Iodine Mine Metal Fabrication Machines Titanium Metal (Processed) Biken, Kanonji City, Japan Hitachi Electrical Power Generators and Components Large AC Generators above 40 MVA

Malaysia: Straits of Malacca

New Zealand: Southern Cross undersea cable landing, Whenuapai, New

Zealand Southern Cross undersea cable landing, Takapuna, New Zealand

Philippines: C2C Cable Network undersea cable landing, Batangas, Philippines EAC undersea cable landing Cavite, Philippines

Republic of Korea: C2C Cable Network undersea cable landing, Pusan, Republic of Korea. EAC undersea cable landing Shindu-Ri, Republic of Korea FLAG/REACH North Asia Loop undersea cable landing Pusan, Republic of Korea KJCN undersea cable landing Pusan, Republic of Korea Hitachi Large Electric Power Transformers 230 - 500 kV Busan Port
Singapore: C2C Cable Network undersea cable landing, Changi, Singapore EAC undersea cable landing Changi North, Singapore Port of Singapore Straits of Malacca

Taiwan: C2C Cable Network undersea cable landing, Fangshan, Taiwan C2C Cable Network undersea cable landing, Tanshui, Taiwan China-US undersea cable landing Fangshan, Taiwan EAC undersea cable landing Pa Li, Taiwan FLAG/REACH North Asia Loop undersea cable landing Toucheng, Taiwan Kaohsiung Port

EUROPE AND EURASIA

Europe (Unspecified): Metal Fabrication Machines: Small number of Turkish companies (Durma, Baykal, Ermaksan)
Austria: Baxter AG,

Vienna, Austria: Immune Globulin Intravenous (IGIV) Octapharma Pharmazeutika,

Vienna, Austria: Immune Globulin Intravenous (IGIV)

Azerbaijan: Sangachal Terminal Baku-Tbilisi-Ceyhan Pipeline

Belarus: Druzhba Oil Pipeline

Belgium: Germanium Mine Baxter SA,

Lessines, Belgium: Immune Globulin Intravenous (IGIV) Glaxo Smith Kline,

Rixensart, Belgium: Acellular Pertussis Vaccine Component GlaxoSmithKline Biologicals SA,

Wavre, Belgium: Acellular Pertussis Vaccine Component Port of Antwerp

Denmark: TAT-14 undersea cable landing, Blaabjerg, Denmark Bavarian Nordic (BN), Hejreskovvej,

Kvistgard, Denmark: Smallpox Vaccine Novo Nordisk Pharmaceuticals, Inc.

Bagsvaerd, Denmark: Numerous formulations of insulin Novo Nordisk Insulin Manufacturer: Global insulin supplies Statens Serum Institut, Copenhagen, Denmark: DTap (including D and T components) pediatric version

France: APOLLO undersea cable, Lannion, France FA-1 undersea cable, Plerin, France TAT-14 underseacable landing St. Valery, France Sanofi-Aventis Insulin Manufacturer: Global insulin supplies Foot and Mouth Disease Vaccine finishing Alstrom, Hydroelectric Dam Turbines and Generators Alstrom Electrical Power Generators and Components EMD Pharms Semoy, France: Cyanokit Injection GlaxoSmithKline, Inc. Evreux, France: Influenza neurominidase inhibitor RELENZA (Zanamivir) Diagast, Cedex, France: Olympus (impacts blood typing ability) Genzyme Polyclonals SAS (bulk), Lyon, France: Thymoglobulin Sanofi Pasteur SA, Lyon, France: Rabies virus vaccine

Georgia: Baku-Tbilisi-Ceyhan Pipeline

Germany: TAT-14 undersea cable landing, Nodren, Germany. Atlantic Crossing-1 (AC-1) undersea cable landing Sylt, Germany BASF Ludwigshafen: World's largest integrated chemical complex Siemens Erlangen: Essentially irreplaceable production of key chemicals Siemens, GE, Hydroelectric Dam Turbines and Generators Draeger Safety AG & Co.,

Luebeck, Germany: Critical to gas detection capability Junghans Fienwerktechnik

Schramberg, Germany: Critical to the production of mortars TDW-Gasellschaft Wirksysteme,

Schroebenhausen, Germany: Critical to the production of the Patriot Advanced Capability Lethality Enhancement Assembly Siemens, Large Electric Power Transformers 230 - 500 kV Siemens, GE Electrical Power Generators and Components Druzhba Oil Pipeline Sanofi Aventis Frankfurt am

Main, Germany: Lantus Injection (insulin) Heyl Chemisch-pharmazeutische Fabrik GmbH: Radiogardase (Prussian blue) Hameln Pharmaceuticals,

Hameln, Germany: Pentetate Calcium Trisodium (Ca DTPA) and Pentetate Zinc Trisodium (Zn DTPA) for contamination with plutonium, americium, and curium IDT Biologika GmbH, Dessau Rossiau, Germany: BN Small Pox Vaccine. Biotest AG, Dreiech, Germany: Supplier for TANGO (impacts automated blood typing ability)
CSL Behring GmbH, Marburg, Germany: Antihemophilic factor/von Willebrand factor Novartis Vaccines and Diagnostics GmbH,

Marburg, Germany: Rabies virus vaccine Vetter Pharma Fertigung GmbH & Co KG, Ravensburg, Germany (filling): Rho(D) IGIV Port of Hamburg

Ireland: Hibernia Atlantic undersea cable landing, Dublin Ireland Genzyme Ireland Ltd. (filling), Waterford, Ireland: Thymoglobulin

Italy: Glaxo Smith Kline SpA (fill/finish), Parma, Italy: Digibind (used to treat snake bites) Trans-Med gas pipeline

Netherlands: Atlantic Crossing-1 (AC-1) undersea cable landing Beverwijk, Netherlands TAT-14 undersea cable landing, Katwijk, Netherlands Rotterdam Port

Norway: Cobalt Nickel Mine

Poland: Druzhba Oil Pipeline

Russia: Novorossiysk Export Terminal Primorsk Export Terminal. Nadym Gas Pipeline Junction: The most critical gas facility in the world Uranium Nickel Mine: Used in certain types of stainless steel

and superalloys Palladium Mine and Plant Rhodium

Spain: Strait of Gibraltar Instituto Grifols, SA, Barcelona, Spain:
Immune Globulin Intravenous (IGIV) Maghreb-Europe (GME) gas
pipeline, Algeria

Sweden: Recip AB Sweden: Thyrosafe (potassium iodine)

Switzerland: Hoffman-LaRoche, Inc. Basel, Switzerland: Tamiflu
(oseltamivir) Berna Biotech, Berne, Switzerland: Typhoid vaccine
CSL Behring AG, Berne, Switzerland: Immune Globulin Intravenous
(IGIV)

Turkey: Metal Fabrication Machines: Small number of Turkish
companies (Durma, Baykal, Ermaksan) Bosphorus Strait Baku-Tbilisi-
Ceyhan Pipeline

Ukraine: Manganese - Battery grade, natural; battery grade,
synthetic; chemical grade; ferro; metallurgical grade

United Kingdom: Goonhilly Teleport, Goonhilly Downs, United Kingdom
Madley Teleport, Stone Street, Madley, United Kingdom Martelsham
Teleport, Ipswich, United Kingdom APOLLO undersea cable landing
Bude, Cornwall Station, United Kingdom Atlantic Crossing-1 (AC-1)
undersea cable landing Whitesands Bay FA-1 undersea cable landing
Skewjack, Cornwall Station Hibernia Atlantic undersea cable
landing, Southport, United Kingdom TAT-14 undersea cable landing
Bude, Cornwall Station, United Kingdom Tyco Transatlantic undersea
cable landing, Highbridge, United Kingdom Tyco Transatlantic
undersea cable landing, Pottington, United Kingdom. Yellow/Atlantic
Crossing-2 (AC-2) undersea cable landing
Bude, United Kingdom Foot and Mouth Disease Vaccine finishing BAE
Systems (Operations) Ltd., Presont, Lancashire, United Kingdom:
Critical to the F-35 Joint Strike Fighter BAE Systems Operations
Ltd., Southway, Plymouth Devon, United Kingdom: Critical to
extended range guided munitions BAE Systems RO
Defense, Chorley, United Kingdom: Critical to the Joint Standoff
Weapon (JSOW) AGM-154C (Unitary Variant) MacTaggart Scott,
Loanhead, Edinburgh, Lothian, Scotland, United Kingdom: Critical to
the Ship Submersible Nuclear (SSN) NEAR/MIDDLE EAST

Djibouti: Bab al-Mendeb: Shipping lane is a critical supply chain
node

Egypt: \'Ayn Sukhnah-SuMEd Receiving Import Terminal \'Sidi Kurayr-
SuMed Offloading Export Terminal Suez Canal

Iran: Strait of Hormuz Khark (Kharg) Island Sea Island Export
Terminal Khark Island T-Jetty

Iraq: Al-Basrah Oil Terminal

Israel: Rafael Ordnance Systems Division, Haifa, Israel: Critical
to Sensor Fused Weapons (SFW), Wind Corrected Munitions Dispensers
(WCMD), Tail Kits, and batteries

Kuwait: Mina\' al Ahmadi Export Terminal

Morocco: Strait of Gibraltar Maghreb-Europe (GME) gas pipeline,
Morocco

Oman: Strait of Hormuz

Qatar: Ras Laffan Industrial Center: By 2012 Qatar will be the
largest source of imported LNG to U.S.

Saudi Arabia: Abqaiq Processing Center: Largest crude oil
processing and stabilization plant in the world Al Ju\'aymah Export
Terminal: Part of the Ras Tanura complex As Saffaniyah Processing
Center Qatif Pipeline Junction Ras at Tanaqib Processing Center Ras
Tanura Export Terminal Shaybah Central Gas-oil Separation Plant

Tunisia: Trans-Med Gas Pipeline

United Arab Emirates (UAE): Das Island Export Terminal Jabal Zannah
Export Terminal Strait of Hormuz

Yemen: Bab al-Mendeb: Shipping lane is a critical supply chain node

SOUTH AND CENTRAL ASIA

Kazakhstan: Ferrochromium Khromtau Complex, Kempersai, (Chromite
Mine)

India: Orissa (chromite mines) and Karnataka (chromite mines)
Generamedix Gujurat, India: Chemotherapy agents, including
florouracil and methotrexate

WESTERN HEMISPHERE

Argentina: Foot and Mouth Disease Vaccine finishing

Bermuda: GlobeNet (formerly Bermuda US-1 (BUS-1) undersea cable
landing Devonshire, Bermuda

Brazil: Americas-II undersea cable landing Fortaleza, Brazil
GlobeNet undersea cable landing Fortaleza, Brazil GlobeNet undersea
cable landing Rio de Janeiro, Brazil Iron Ore from Rio Tinto Mine
Manganese - Battery grade, natural; battery grade, synthetic;
chemical grade; ferro; metallurgical grade Niobium (Columbium),
Araxa, Minas Gerais State (mine) Ouvidor and Catalao I, Goias
State: Niobium

Chile: Iodine Mine

Canada: Hibernia Atlantic undersea cable landing Halifax , Nova
Scotia, Canada James Bay Power Project, Quebec: monumental
hydroelectric power development Mica Dam,

British Columbia: Failure would impact the Columbia River Basin.

Hydro Quebec, Quebec: Critical irreplaceable source of power to
portions of Northeast U. S. Robert Moses/Robert H. Saunders Power,
Ontario: Part of the St. Lawrence Power Project, between Barnhart
Island, New York, and Cornwall, Ontario Seven Mile Dam, British
Columbia: Concrete gravity dam between two other hydropower dams
along the Pend d'Oreille River Pickering Nuclear Power Plant,
Ontario, Canada Chalk River Nuclear Facility, Ontario: Largest
supplier of medical radioisotopes in the world Hydrofluoric Acid
Production Facility, Allied Signal, Amherstburg, Ontario Enbridge
Pipeline Alliance Pipeline: Natural gas transmission from Canada
Maritime and Northeast Pipeline: Natural gas transmission from
Canada Transcanada Gas: Natural gas transmission from Canada
Alexandria Bay POE, Ontario: Northern border crossing Ambassador

Bridge POE, Ontario: Northern border crossing Blaine POE, British Columbia: Northern border crossing Blaine Washington Rail Crossing, British Columbia Blue Water Bridge POE, Ontario: Northern border crossing Champlain POE, Quebec: Northern border crossing CPR Tunnel Rail Crossing, Ontario (Michigan Central Rail Crossing)
International Bridge Rail Crossing, Ontario International Railway Bridge Rail Crossing Lewiston-Queenstown POE, Ontario: Northern border crossing Peace Bridge POE, Ontario: Northern border crossing Pembina POE, Manitoba: Northern border crossing North Portal Rail Crossing, Saskatchewan St. Claire Tunnel Rail Crossing, Ontario Waneta Dam, British Columbia: Earthfill/concrete hydropower dam Darlington Nuclear Power Plant, Ontario, Canada. E-ONE Moli Energy, Maple Ridge, Canada: Critical to production of various military application electronics General Dynamics Land Systems - Canada, London Ontario, Canada: Critical to the production of the Stryker/USMC LAV Vehicle Integration Raytheon Systems Canada Ltd. ELCAN Optical Technologies Division, Midland, Ontario, Canada: Critical to the production of the AGM-130 Missile Thales Optronique Canada, Inc., Montreal, Quebec: Critical optical systems for ground combat vehicles Germanium Mine Graphite Mine Iron Ore Mine Nickel Mine Niobec Mine,

Quebec, Canada: Niobium Cangene, Winnipeg, Manitoba: Plasma Sanofi Pasteur Ltd., Toronto, Canada: Polio virus vaccine GlaxoSmithKline Biologicals, North America, Quebec, Canada: Pre-pandemic influenza vaccines

French Guiana: Americas-II undersea cable landing Cayenne, French Guiana

Martinique: Americas-II undersea cable landing Le Lamentin, Martinique

Mexico: FLAG/REACH North Asia Loop undersea cable landing Tijuana, Mexico Pan-American Crossing (PAC) undersea cable landing Mazatlan, Mexico Amistad International Dam: On the Rio Grande near Del Rio, Texas and Ciudad Acuna, Coahuila, Mexico Anzalduas Dam: Diversion dam south of Mission, Texas, operated jointly by the U.S. and Mexico for flood control Falcon International Dam: Upstream of Roma, Texas and Miguel Aleman, Tamaulipas, Mexico Retamal Dam: Diversion dam south of Weslaco, Texas, operated jointly by the U.S. and Mexico for flood control GE Hydroelectric Dam Turbines and Generators: Main source for a large portion of larger components Bridge of the Americas: Southern border crossing Brownsville POE: Southern border crossing Calexico East POE: Southern border crossing Columbia Solidarity Bridge: Southern border crossing Kansas City Southern de Mexico (KCSM) Rail Line, (Mexico) Nogales POE: Southern border crossing Laredo Rail Crossing Eagle Pass Rail Crossing Otay Mesa Crossing: Southern border crossing Pharr International Bridge: Southern border crossing World Trade Bridge: Southern border crossing Ysleta Zaragosa Bridge: Southern border crossing Hydrofluoric Acid Production Facility Graphite Mine GE Electrical Power Generators and Components General Electric, Large Electric Power Transformers 230 - 500 kV

Netherlands Antilles: Americas-II undersea cable landing Willemstad, Netherlands Antilles.

Panama: FLAG/REACH North Asia Loop undersea cable landing Fort Amador, Panama Panama Canal

Peru: Tin Mine and Plant

Trinidad and Tobago: Americas-II undersea cable landing Port of Spain Atlantic LNG: Provides 70% of U.S. natural gas import needs

Venezuela: Americas-II undersea cable landing Camuri, Venezuela GlobeNet undersea cable landing, Punta Gorda, Venezuela GlobeNet undersea cable landing Catia La Mar, Venezuela GlobeNet undersea cable landing Manonga, Venezuela [END TEXT OF LIST]

16. (U//FOUO) Minimize considered.
CLINTON